BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of the work:- Improvements of Roads and Drains at Maruthinagara and BB Nagara Kodigehalli in Ward No 08.

Sl. No.	Quantity.	Description	Unit	Rates In Figures	Rates In Words
1	469.30	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 Page No 140 /Item No 18.47 / PWD SR 2018-19	Cum	1014.54	Rupees One Thousand Fourteen and Fifty Four Paise Only
2	703.95	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301	Cum	246.00	Rupees Two Hundred Forty Six Only
3	469.30	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (P.No.153, I.No.20.5 of PW,P&IWTD SR 2018-19)	Cum	1994.92	Rupees One Thousand Nine Hundred Ninety Four and Ninety Two Paise Only
4	351.98	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 13/I.No. 4.2 PWD SR 2018-19)	Cum	5505.64	Rupees Five Thousand Five Hundred Five and Sixty Four Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
5	351.98	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)(P.No.175, I.No.22.2.2 of PW,P&IWTD SR 2018-19)	Cum	5849.08	Rupees Five Thousand Eight Hundred Forty Nine and Eight Paise Only
6	2346.50	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.176, I.No.22.7 of PW,P&IWTD SR 2018-19)	Sam	72.08	Rupees Seventy Two and Eight Paise Only

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Note:

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2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

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BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

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Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of the work:- Improvements of Roads and Drains at Ganagabhavani Temple Surrounding Area Kodigehalli in Ward No 08.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	344.60	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 Page No 140 /Item No 18.47 / PWD SR 2018-19	Cum	1014.54	Rupees One Thousand Fourteen and Fifty Four Paise Only
2	145.69	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No 158, Item No 19.1)	Cum	244.69	Rupees Two Hundred Forty Four and Sixty Nine Paise Only
3	516.90	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301	Cum	246.00	Rupees Two Hundred Forty Six Only
4	344.60	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (P.No.153, I.No.20.5 of PW,P&IWTD SR 2018-19)	Cum	1994.92	Rupees One Thousand Nine Hundred Ninety Four and Ninety Two Paise Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
5	279.00	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 13/I.No. 4.2 PWD SR 2018-19)	Cum	5505.64	Rupees Five Thousand Five Hundred Five and Sixty Four Paise Only
6	8.40	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sqm	273.48	Rupees Two Hundred Seventy Three and Forty Eight Paise Only
7	63.00	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sqm	379.48	Rupees Three Hundred Seventy Nine and Forty Eight Paise Only
8	11.13	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2018-19)	Cum	5770.64	Rupees Five Thousand Seven Hundred Seventy and Sixty Four Paise Only
9	37.40	Providing laying plain/ reinforced cement concrete for Box Wall thickness of 10 to 20 cm drains including centring, shuttering, form work etc HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. PCC M20 Grade upto 0.75mm height using concrete mixture complete including cost of materials, ;abour, HOM complete as per specification ifications. Specification No. KBS 4.1, 4.2. (P.No.271, I.No.37.59.2 of PW, P&IWTD SR 2018-19)	Cum	7273.72	Rupees Seven Thousand Two Hundred Seventy Three and Seventy Two Paise Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
10	3.13	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work, TMT Bars Fe 500, (Page No. 239, I No. 29.29.2 PWD SR 2018-19)	Tonne	75223.96	Rupees Seventy Five Thousand Two Hundred Twenty Three and Ninety Six Paise Only
11	125.00	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	2134.00	Rupees Two Thousand One Hundred Thirty Four Only
12	31.50	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	4218.00	Rupees Four Thousand Two Hundred Eighteen Only
13	172.30	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)(P.No.175, I.No.22.2.2 of PW,P&IWTD SR 2018-19)	Cum	5849.08	Rupees Five Thousand Eight Hundred Forty Nine and Eight Paise Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
14	1723.00	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.176, I.No.22.7 of PW,P&IWTD SR 2018-19)	Sqm	72.08	Rupees Seventy Two and Eight Paise Only

Executive Engineer
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DTS Approved

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BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

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Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of the work:- Name of Work :- Improvements of Roads and Drains and Constuction of Community Hall at AK Colony at Kodigehalli in Ward No 08.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	177.50	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 Page No 140 /Item No 18.47 / PWD SR 2018-19	Cum	1014.54	Rupees One Thousand Fourteen and Fifty Four Paise Only
2	266.25	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301	Cum	246.00	Rupees Two Hundred Forty Six Only
3	675.18	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No 158, Item No 19.1)	Cum	244.69	Rupees Two Hundred Forty Four and Sixty Nine Paise Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
4	177.50	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (P.No.153, I.No.20.5 of PW,P&IWTD SR 2018-19)	Cum	1994.92	Rupees One Thousand Nine Hundred Ninety Four and Ninety Two Paise Only
5	244.40	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 13/I.No. 4.2 PWD SR 2018-19)	Cum	5505.64	Rupees Five Thousand Five Hundred Five and Sixty Four Paise Only
6	11.20	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sqm	273.48	Rupees Two Hundred Seventy Three and Forty Eight Paise Only
7	84.00	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sqm	379.48	Rupees Three Hundred Seventy Nine and Forty Eight Paise Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
8	14.84	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2018-19)	Cum	5770.64	Rupees Five Thousand Seven Hundred Seventy and Sixty Four Paise Only
9	211.20	Providing laying plain/ reinforced cement concrete for Box Wall thickness of 10 to 20 cm drains including centring, shuttering, form work etc HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. PCC M20 Grade upto 0.75mm height using concrete mixture complete including cost of materials, ;abour, HOM complete as per specification ifications. Specification No. KBS 4.1, 4.2. (P.No.271, I.No.37.59.2 of PW, P&IWTD SR 2018-19)	Cum	7273.72	Rupees Seven Thousand Two Hundred Seventy Three and Seventy Two Paise Only
10	13.86	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work, TMT Bars Fe 500, (Page No. 239, I No. 29.29.2 PWD SR 2018-19)	tonne	75223.96	Rupees Seventy Five Thousand Two Hundred Twenty Three and Ninety Six Paise Only
11	504.00	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	2134.00	Rupees Two Thousand One Hundred Thirty Four Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
12	42.00	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	4218.00	Rupees Four Thousand Two Hundred Eighteen Only
13	88.75	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)(P.No.175, I.No.22.2.2 of PW,P&IWTD SR 2018-19)	Cum	5849.08	Rupees Five Thousand Eight Hundred Forty Nine and Eight Paise Only
14	887.50	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.176, I.No.22.7 of PW,P&IWTD SR 2018-19)	Sqm	72.08	Rupees Seventy Two and Eight Paise Only
15	844.00	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2018-19)	Nos	496.00	Rupees Four Hundred Ninety Six Only

	Quantity.	Description	Unit	Rates	
				In Figures	In Words
16	133.00	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page No. 180 Item No 24.1 PWD SR 2018-19	Sqm	84.00	Rupees Eighty Four Only

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DTS Applicable

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